

**REMARKS**

The applicants have studied the Office Action dated September 11, 2003. It is submitted that the application is in condition for allowance. Reconsideration and allowance of all of the claims in view of the following remarks are respectfully requested.

Claims 1-3, 5-6, 8-9, 11-13, 15-17, 19-20, 22-25, 27-28, 31-34, 36-37 and 39-40 were rejected under 35 U.S.C. § 102(b) as being anticipated by Upton et al. (U.S. Patent 5,784,695).

Claims 4, 10, 14, 21, 29, 35 and 41 were rejected under 35 U.S.C. 103(a) as being unpatentable over Upton et al. (U.S. Patent No. 5,784,695) in view of Joon (EP 1126637A2).

Claims 7, 18, 26, 30 and 38 were rejected under 35 U.S.C. 103(a) as being unpatentable over Upton et al. (U.S. Patent No. 5,784,695) in view of Zehavi et al. (U.S. Patent No. 5,691,974). These rejections are respectfully traversed.

Claim 1 recites "obtaining frequency estimation information from a first wireless signal received from a first carrier;

performing a handover to a second carrier; and

configuring a frequency tracking loop for receiving a second wireless signal from the second carrier as a function of the frequency estimation information." (emphasis added). Other claims recite a similar language. The references cited by the Examiner do not disclose configuring a frequency tracking loop for receiving a second wireless signal from the second carrier as a function of the frequency estimation information obtained from a first signal transmitted by a first carrier, as recited in the claims.

The Upton reference discloses a handover scheduling process for a mobile station situated between two base stations in a single carrier. The Upton reference does not disclose performing a handover between two different carriers (e.g., between a GSM carrier and WCDMA carrier), as recited in the claims. Second, in the Upton reference, during the handover process, a first base station transmits a handover schedule to a mobile station over a first channel. The mobile station then performs necessary steps to establish a second communication link channel. During the scheduled handover time, the mobile station calculates second channel's frequency, timing offset and power level. However, the mobile station in the Upton reference does not calculate the frequency or the timing offset of the second channel based on the

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frequency estimation information of the signals received over the first channel (See the Summary, fig. 3, col. 5, lines 1-7; col. 6, lines 45-50 and col. 7, lines 39-45; the Abstract). Furthermore, the Upton reference does not disclose configuring a frequency tracking loop for receiving a second wireless signal from the second carrier as a function of the frequency estimation information obtained from a first signal transmitted by a first carrier, as recited in the claims. The Upton reference clearly does not disclose such a step.

The other references do not address the deficiencies of the Upton reference.

Therefore, it is respectfully submitted that the rejection of claims 1-41 should be withdrawn.

In view of the foregoing, it is respectfully submitted that the application and all of the claims are in condition for allowance. Reexamination and reconsideration of the application are requested.

If there are any fees due in connection with the filing of this response, please charge such fees to our Deposit Account No. 17-0026. If a fee is required for an extension of time under 37 C.F.R. 1.136 not accounted for, such an extension is requested and the fee should also be charged to our Deposit Account. A duplicate copy of this page is enclosed.

Respectfully submitted,

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